Defense Information Systems Agency

A Combat Support Agency

NETWORK SERVICES

VIRTUAL PRIVATE NETWORKS

ESTABLISH A VIRTUAL PRIVATE NETWORK (VPN) CUSTOMER ORDERING GUIDE

Version 2.4
March 12, 2013

UNCLASSIFIED

Network Services
P.O. Box 549
Ft. Meade, MD 20755-0549

This page intentionally left blank.

Signature Page for Key Officials

Approved by:

Signed on March 12, 2013; signature on file	March 12, 2013
Chief, Customer Services Division (NSP4)	Date

This page intentionally left blank.

Revision History

Version Number	Date	Summary of Changes	Org
1.0	July 2, 2012	Initial release.	NS7
2.0	November 14, 2012	Revised to include a variety of new VPN services and future VPN services. Document renamed and changed to focus on providing guidance and steps to order various VPN services.	NS7
2.1	January 15, 2013	Revised to include differences in ordering associated with Private ISP Service and IAP Gateway at DECC.	NSP4
2.2	January 25, 2013	Added DTEN type available now. Ensure references consistent throughout doc. Updated acronyms.	NSP4
2.3	March 07, 2013	Added NIPRNet Federated Gateway.	NSP4
2.4	March 12, 2013	Updated links to Enterprise Connection. Prepared for release to external mission partners.	NSP4

Table of Contents

List of Illustrations

1. Introduction

The Defense Information System Network (DISN) continues to support and deploy Virtual Private Network (VPN) services. VPN technologies provide agile networking within communities of interest over the common Internet Protocol (IP) network, and enable users to migrate away from inefficient dedicated circuit private networks. As data services, these new services fall within the DISN Subscription Service (DSS) structure. This document addresses the ordering of the new VPN services available either now or in the near future. The VPN services and VPN codes are listed in Table 1. Detailed service descriptions are provided in Section 6.

The process and detailed information to order these services, which requires two steps, are provided in these VPN Ordering Guides. The first step is to ***Establish a VPN*** and the second step is to ***Connect to an Established VPN***. Guidance for registering VPNs in the System/Network Approval Process (SNAP) database is provided in the VPN SNAP Registration Process Guide available at: http://disa.mil/Services/Network-Services/Notices. In addition, the appendices of the Connection Process Guide (GPC) also provide registration of VPN services in SNAP. The electronic or print copy of the CPG can be accessed at: http://www.disa.mil/Services/Network-Services/Enterprise-Connections/Connection-Process-Guide. For registration of VPN services in the SIPRNet GIG Interconnection Approval Process (GIAP) System (SGS) database, visit https://www.disa.smil.mil/connect via Secret Internet Protocol Router Network (SIPRNet).

VPN Code	Service Names
L3	Private IP Service (Layer 3 VPN)
L2	Private LAN Service (Layer 2 VPN)
CX	Label Transport Service (Layer 2 CsC VPN)
TE	DISN Test & Evaluation Network (DTEN – Layer 3 VPN)
C3	***FUTURE*** *– SIPRNet Private IP Service (Classified Layer 3 VPN)*
DKL300227	***FUTURE*** *– Private ISP Service (All Customers – Layer 3 VPN) - Customers will ONLY submit "Connect to an established VPN" requests for this service*
DOL300230	***FUTURE*** *– IAP Gateway at DECC (All Customers – Layer 3 VPN) - Customers will ONLY submit "Connect to an established VPN" requests for this service*
DKL300249	***FUTURE*** *– NFG COI (All Customers – Layer 3 VPN)) - Customers will ONLY submit "Connect to an established VPN" requests for this service*
DKL342000	***FUTURE*** *– CMNT AR (All Customers – Layer 3 VPN) - Customers will ONLY submit "Connect to an established VPN" requests for this service*
DKCX70001	***FUTURE*** *– CMNT IPT-PE (All Customers – Layer 2 CsC VPN) - Customers will ONLY submit "Connect to an established VPN" requests for this service*

Table 1: VPN Services

Note: More VPN codes may be added in the future.

The L3 Private IP Service (Layer 3 VPN), the L2 Private Local Area Network (LAN) Service (Layer 2 VPN), CX Label Transport Service (Layer 2 CsC VPN), and TE DISN Test & Evaluation Network (DTEN – Layer 3 VPN) are available now for ordering via DISA Direct Order Entry (DDOE). The other VPN services will be available within the next Fiscal Year (FY) 2013. A notice will be posted to the DISA Direct homepage, announcing the availability of these services, which can be accessed at: https://www.disadirect.disa.mil/products/ASP/welcome.ASP.

2. Purpose

This document provides detailed information necessary to ***Establish a VPN*** via DISA Direct Order Entry (DDOE) for Private IP Service (Layer 3 VPN), Private LAN Service (Layer 2 VPN), Label Transport Service (Layer 2 CsC VPN), and DISN Test & Evaluation Network (DTEN – Layer 3 VPN). It includes minor differences in ordering associated with Private ISP Service, IAP Gateway at DECC, Common Mission Network Transport (CMNT) (both Layers 2 and 3), and NIPRNet Federated Gateway (NFG) Community of Interest (COI) VPN services. A separate Ordering Guide has been developed to address information to ***Connect to an Established VPN.*** Both documents assume the reader has basic familiarity with DDOE and has an established account with role(s). The DISA Direct homepage can be accessed at the link provided above.

3. References

(a) DoD Connection Process Guide (CPG), Version 4.1, dated September 2012

4. Roles and Responsibilities

It is the customer's responsibility to order VPN services, as they deem necessary, and to ensure the registration within the SNAP and the SGS databases.

5. Points of Contact

For additional information, help with DDOE, or specifically with ordering VPN services, contact the DISN Global Support Center (DGSC) using the information provided below.

DISN Global Support Center (DGSC)	
Customer Services Division (NSP4)	CML: (800) 554-DISN (3476) or (614) 692-4790 DSN: (312) 850-4790 Global DSN: (510) 376-3222 Unclassified e-mail: DGSC@csd.disa.mil Classified e-mail: DGSC@cols.csd.disa.smil.mil

Table 2: Points of Contact

6. VPN Services Descriptions

6.1 Private IP Service (Layer 3 VPN)

This VPN service enables customers to reduce circuit, equipment, and accreditation paperwork costs for data transfer and enclave connectivity using the DISN as transport. DISN Private IP Service is an enterprise VPN service providing data privacy to customers across the DISN. This service is available as part of the DSS at any DSS location that includes Unclassified but Sensitive IP Router Network (NIPRNet) IP Data. Private IP service will enable customers to migrate from Asynchronous Transfer Mode (ATM) to IP by using this Layer 3 VPN service, and provide segmented data transport across the IP network to connect enclaves without dedicated circuits. The Information Assurance (IA) and Connection Approval Process (CAP) accreditation is significantly faster and requires less paperwork to complete. This service provides a segmented IP service for customers utilizing a Multiprotocol Label Switching (MPLS) Layer 3 VPN, and it requires a separate physical interface for each connection.

6.2 Private LAN Service (Layer 2 VPN)

This VPN service provides customers the ability to shrink the world to one Local Area Network (LAN) regardless of their physical location around the world. Private LAN service is a way to provide Ethernet based multipoint-to-multipoint communication over the DISN IP MPLS network. This allows geographically dispersed sites to share an Ethernet broadcast domain by connecting sites through pseudo-wires. This layer 2 VPN technology allows any-to-any (multipoint) connectivity. The LAN at each site is extended to the edge of the DISN. The network emulates a switch/bridge to connect all of the customer LANs to create a single bridged LAN. It provides a segmented IP service for customers utilizing an MPLS Layer 2 VPN.

NOTE: This new service is dependent on acquisition and installation of IP Transport Provider Edge (IPT-PE) router infrastructure and it requires a separate physical interface.

6.3 Label Transport Service (Layer 2 VPN)

This VPN service enables customers to reduce long haul expenditures using IP as transport for data. It is a Layer 2 VPN routing based on MPLS label. This service is available as part of the DSS at specific locations. It is an alternative service for some ATM and Low-Speed Time Division Multiplexing (LSTDM) customers. It provides a segmented IP service for customers utilizing an MPLS Layer 2 VPN.

NOTE: This new service is dependent on acquisition and installation of IPT-PE router infrastructure and it requires a separate physical interface.

6.4 DISN Test and Evaluation Network (DTEN – Layer 3 VPN)

Test and Evaluation (T&E) IP data (operating over the DTEN) is a DISN Subscription Service (DSS rates in effect). This VPN service provides a BLACK transport capability riding the DISN Backbone. It offers standard DISN services and Service Level Agreements (SLAs) to DTEN customers. It includes provisioning and network operations support by Global NetOps Support Center (GNSC) to DTEN customers [part of Network Services Directorate (NS) Defense Working Capital Fund (DWCF)], as well as network defense through Computer Network Defense Service Provider (CNDSP) services to all DISN/DTEN customers. In addition, this service includes key management and maintenance of DISN/DTEN encryption devices.

6.5 Secret Private IP Service (Classified Layer 3 VPN)

This VPN service enables customers' classified data the same opportunity to reduce costs as their unclassified data. Secret Private IP Service is an enterprise VPN service providing data privacy to customers across the Secret IP Router Network (SIPRNet). This service is available as part of the DSS at any DSS location that includes SIPRNet IP Data. In addition, it provides a segmented IP service for customers utilizing an MPLS layer 3 VPN, and requires a separate physical interface for each connection.

6.6 Private ISP Service (Layer 3 VPN)

This VPN service provides customers the ability to obtain internet access through an MPLS layer 3 VPN at any DISN Internet Access Point (IAP) as part of the DSS bandwidth. Private Internet Service Provider (ISP) Service is an enterprise VPN service providing ISP access to customers across the DISN. This service is available as part of the DSS at any DSS location that includes NIPRNet IP Data. Connection Approval Process (CAP) accreditation is significantly faster and requires less paperwork to complete. A separate physical interface is required.

This VPN is "established" by DISA NS. Customers will ONLY submit Telecommunications Requests (TRs) in DDOE to "connect to an established VPN", VPN Identifier: DKL300227.

6.7 IAP Gateway at DECC (Layer 3 VPN)

This VPN service provides customers the ability to obtain internet access through an MPLS layer 3 VPN at any Defense Enterprise Computing Center (DECC) location to access any DISN IAP as part of the DSS bandwidth. It is an enterprise VPN service providing IAP internet access to customers across the DISN. This service is available as part of the DSS at any DSS location that includes NIPRNet IP Data.

This VPN is "established" by DISA NS. Customers will ONLY submit Telecommunications Requests (TRs) in DDOE to "connect to an established VPN", VPN Identifier: *DOL300230*.

6.8 NIPRNet Federated Gateway (NFG) Community of Interest (COI) (Layer 3 VPN)

The Department of Defense (DoD) has granted some non-DoD federal agencies and mission partners connections directly into the NIPRNet. This introduces a potential threat to the NIPRNet due to the absence of any mechanisms for effectively controlling and monitoring traffic to/from these agencies. The path forward is to acquire and deploy NIPRNet Federated Gateways (NFG) at multiple IAP locations to provide a secure and robust means for these agencies to connect to the NIPRNet. The benefit is that it will provide protection from and visibility into threats and events involving traffic to/from these agencies and partners. NFG shall support customers using physical/logical connections (described below as "External Customer Connecting Directly to NFE Router" and "External Customer on NIPRNet"). The system shall support logical traffic separation as traffic transits through NIPRNet.

This service is for non-DoD federal agencies and mission partner connections that connect directly into the NIPRNet. Customers ordering this service will be connected to the DISN but will have their connection directed to the nearest NFG External (NFE) router. All traffic will go through the NFE prior to accessing any DoD available networks.

NFG customers can be categorized into two types:

1. External Customer Connecting Directly to NFE Router. The first and simplest type of connection is directly to the NFE router. The benefit is to keep the non-DoD partner traffic separate from the IAPNet infrastructure. These mission partners may connect to the NFE router via third-party leased circuit or transport provided by DISN transport infrastructure. It is also possible that the customer equipment may be collocated with an NFG site and with back-to-back connections with the router. With these types of connections, encryption may not be necessary. These customers may use External Border Gateway Protocol (eBGP) peer directly with the NFE router over the physical circuit using interface an Internet Protocol (IP) address.

2. External Customer on NIPRNet. The second type is a mission partner currently connecting directly to NIPRNet. This type of customer sometimes has their own back-end connection to the Internet. The goal of this NFG design is to leverage the existing connections to NIPRNet without installing new circuits. This can be accomplished by providing a physical trunk between the NFE and the collocated Unclassified Provider Edge (UPE) router. A partner may build a logical tunnel, possibly encrypted, to the NFE router over this physical connection. This encryption will be broken between the NFE and NFG Internal (NFI) for inspection/monitoring. The customer router will no longer have BGP peering directly with the UPE/Aggregation Router (AR) router, but instead exchange eBGP routes only with the NFE router over the tunnel. Additionally, a new MPLS Layer 3 VPN (L3VPN) (e.g., NFE_VPN) has been created to isolate traffic for these customers from the rest of NIPRNet to sense traffic before the NFE and IA components inspect it. The NFE routers from all NFG sites would also be members of this VPN and are visible to all these customer routers. An external customer on this VPN may peer with multiple NFE routers for redundancy. Tunnel

and encryption between customer routers and the NFE router is optional and can overlay the VPN.

The VPN Naming Convention was used to obtain the VPN ID for the NFG Community of Interest (COI). The VPN ID for the NFG COI service is provided by DISA and will always be the same for every mission partner.

This VPN is "established" by DISA NS. Customers will ONLY submit Telecommunications Requests (TRs) in DDOE to "connect to an established VPN", VPN Identifier: *DKL300249*.

6.9 CMNT (Layer 3 / Layer 2 VPN)

The Common Mission Network Transport (CMNT) provides an enterprise common transport for Combined Enterprise Regional Information Exchange System (CENTRIXS) encrypted traffic in order to meet mission partners' multi and bilateral communication requirements.

Both Layers 2 and 3 VPN types are "established" by DISA NS. Customers will ONLY submit Telecommunications Requests (TRs) in DDOE to "connect to an established VPN", VPN Identifier: *DKL342000* for CMNT AR (All Customers – Layer 3 VPN) and *DKCX70001* for CMNT IPT-PE (All Customers – Layer 2 CsC VPN).

7. Process Overview

The process to establish a VPN is required only once for each VPN type (L2, L3, CX, TE) regardless of the number of individual connections. This is an administrative action/record only; it does not result in the issuance of a Telecommunications Service Request (TSR) or Telecommunications Service Order (TSO). The basic procedures are:

1. The DDOE process is used to establish a VPN.

2. An authorized DDOE user logs into DDOE and selects type of service [i.e., DISN Virtual Private Network (VPN)] and "Establish a Virtual Private Network (VPN)."

3. A VPN Point of Contact (POC) will be designated. An Alternate POC may also be designated.

4. A VPN Name/Number will be generated by DDOE according to DISAC 310-65-1 naming convention rules. Customers will receive feedback indicating successful action and providing the VPN Name/Number to be used when ordering connections.

The following depicts the process overview for establishing a VPN. Business rules and specific steps are documented in subsequent sections.

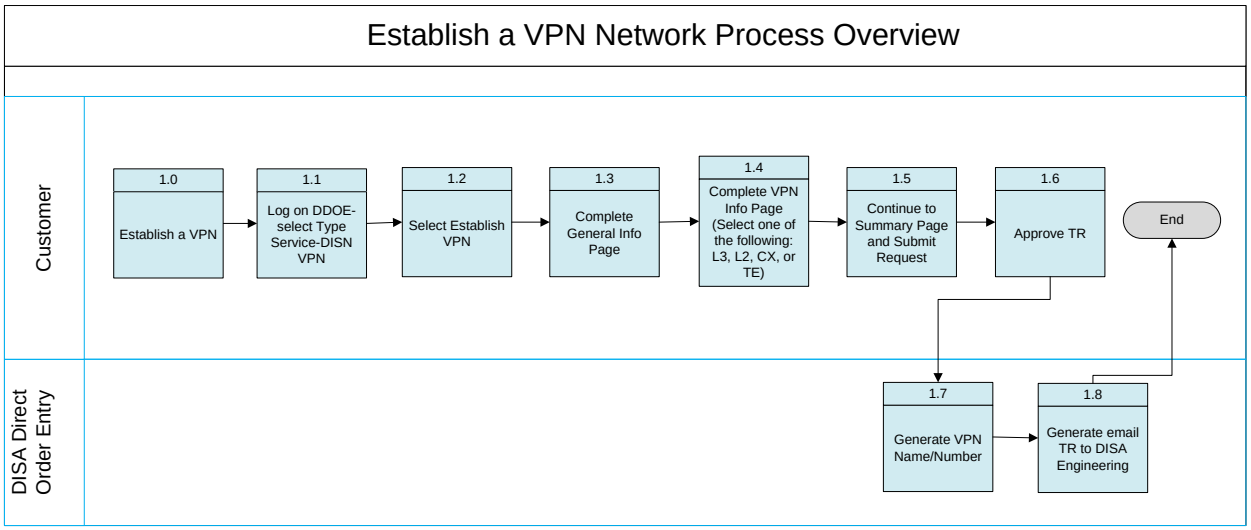


Figure 1: Process to Establish a VPN

8. Business Rules

Ordering of the DISN VPNs is based on the basic premise and template for ordering the Sensitive but Unclassified (SBU) IP Data service. Additional business rules apply when ordering these services.

1. All DISA Direct users that have the role of Authorized Requesting Official (ARO) or DISA users that have the role of Authorized Provisioning Official (APO) will have the capability to select DISN VPNs as the type of service.

2. The action types that apply to ***Establish a VPN*** are: Establish a VPN, Change VPN Point of Contact (POC) Information, and Discontinue a VPN. These actions are performed on the VPN (network) itself, vice individual connections to the established VPN. The following rules apply when establishing a VPN. This action type is NOT available for Private ISP Service, IAP Gateway at DECC, CMNT (both layers 2 and 3), and NFG COI VPN type services. See sections 6.6, 6.7, 6.8 and 6.9.

    a. No funding is required as this service falls within the DISN Subscription Services (DSS). However, the service will also be accessible from non-DSS sites; therefore, the customer will be responsible for access circuit costs from non-DSS sites.

    b. No Telecommunications Service Request (TSR) will be generated.

    c. E-mail is sent to applicable engineering e-mail address/originator/all Point of Contacts (POCs), and any added e-mail addresses upon final approval of the Telecommunications Request (TR). The action e-mail address of the engineering e-mail is based upon the geographical disposition selection made on the Establish a VPN TR.

    d. The full VPN Identifier (ID) will be automatically generated upon final approval of TR. This identifier will be needed in order to submit requests to connect to the established VPN.

    e. TR routing for this type of request is based upon a new routing identifier – VPN Routing ID. The setup and maintenance will be part of the Request Routing application and the responsibility of the Agency's Routing List Official (RLO).

    f. To discontinue an established VPN (network), all individual physical VPN connections to that network must be disconnected first.

    g. The Agency's Routing List Official (RLO) utilizes the Request Routing application to setup and maintain the VPN Routing ID. All of the agency's VPN Routing IDs that have been setup by the RLO are automatically presented on the TR page for selection when establishing a VPN.

9. Steps to Establish a VPN on DDOE

This section provides steps necessary to establish a VPN. All the steps and screens for establishing a VPN are the same for all the VPN service types (L2, L3, and CX). The only difference is in selecting the "type of VPN" in the Virtual Private Network Information Page. The examples provided are specifically for the L3 - Private IP Service (Layer 3 VPN).

Private ISP Service, IAP Gateway at DECC, CMNT (both layers 2 and 3), and NFG COI are DISA NS established VPNs. Customers cannot establish these VPN types but will ONLY request connections to the DISA NS established VPN types. See sections 6.6, 6.7, 6.8, and 6.9.

ACTION: ARO/APO selects "DISN Virtual Private Network (VPN)" as the service type as shown below, and clicks "Continue." APO role is a DISA staff ONLY role.

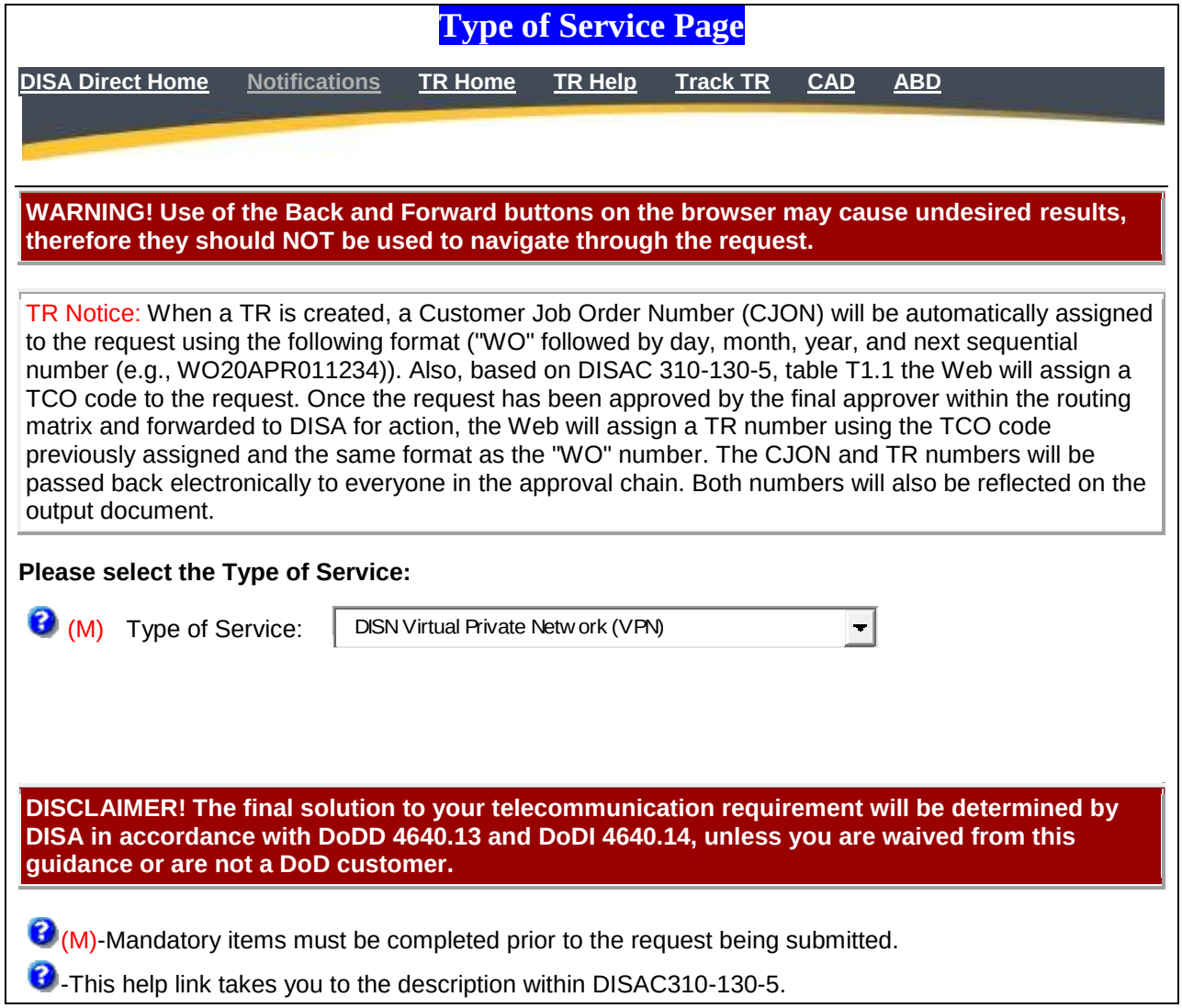


Figure 2: Type of Service Page

ACTION: ARO/APO selects "Establish a VPN" for the request action under "Virtual Private Networks (VPNs)" as shown below.

Note: This action type is NOT available for Private ISP Service, IAP Gateway at DECC, CMNT (both layers 2 and 3), and NFG COI VPN type services. See sections 6.6, 6.7, 6.8, and 6.9.

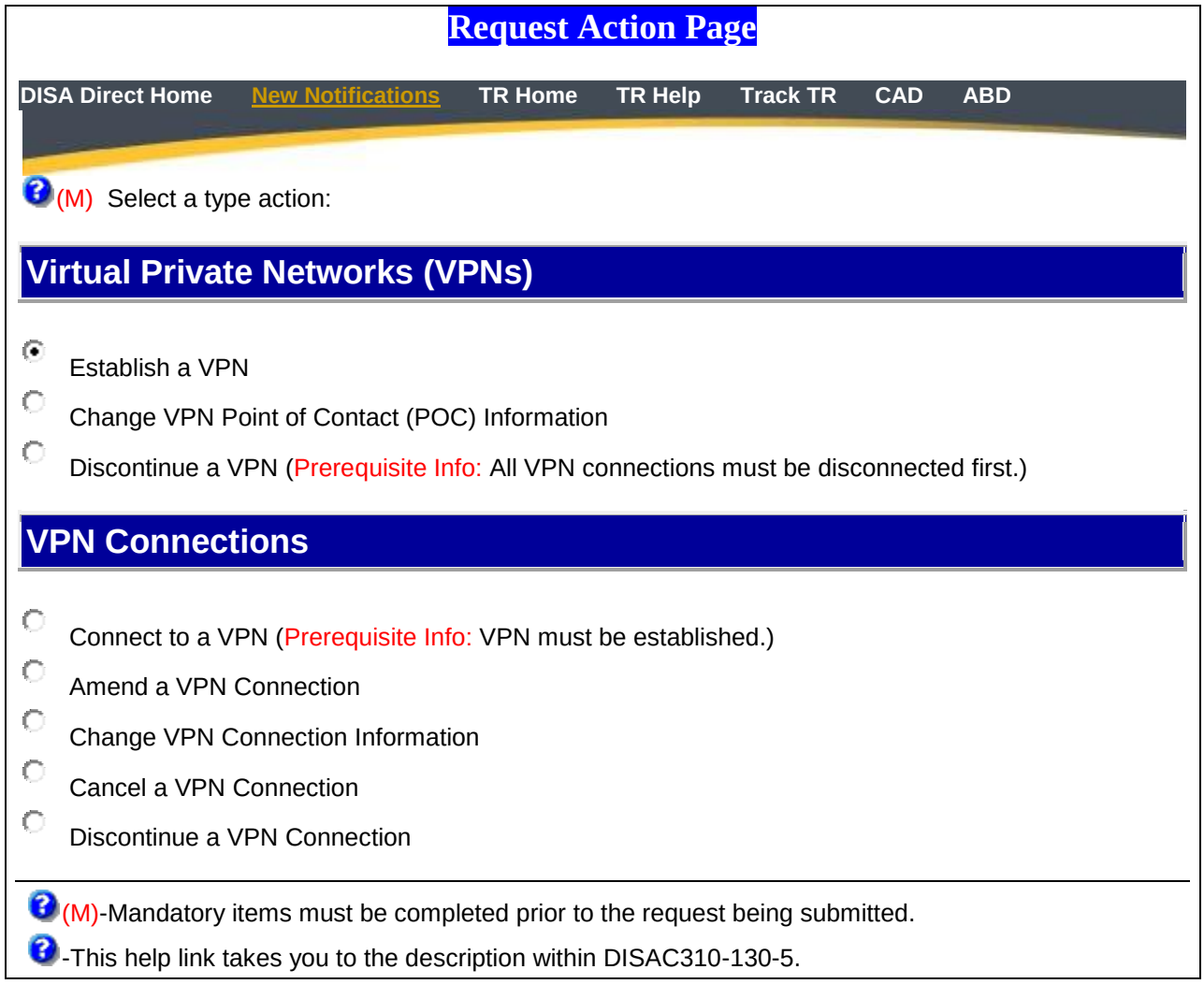
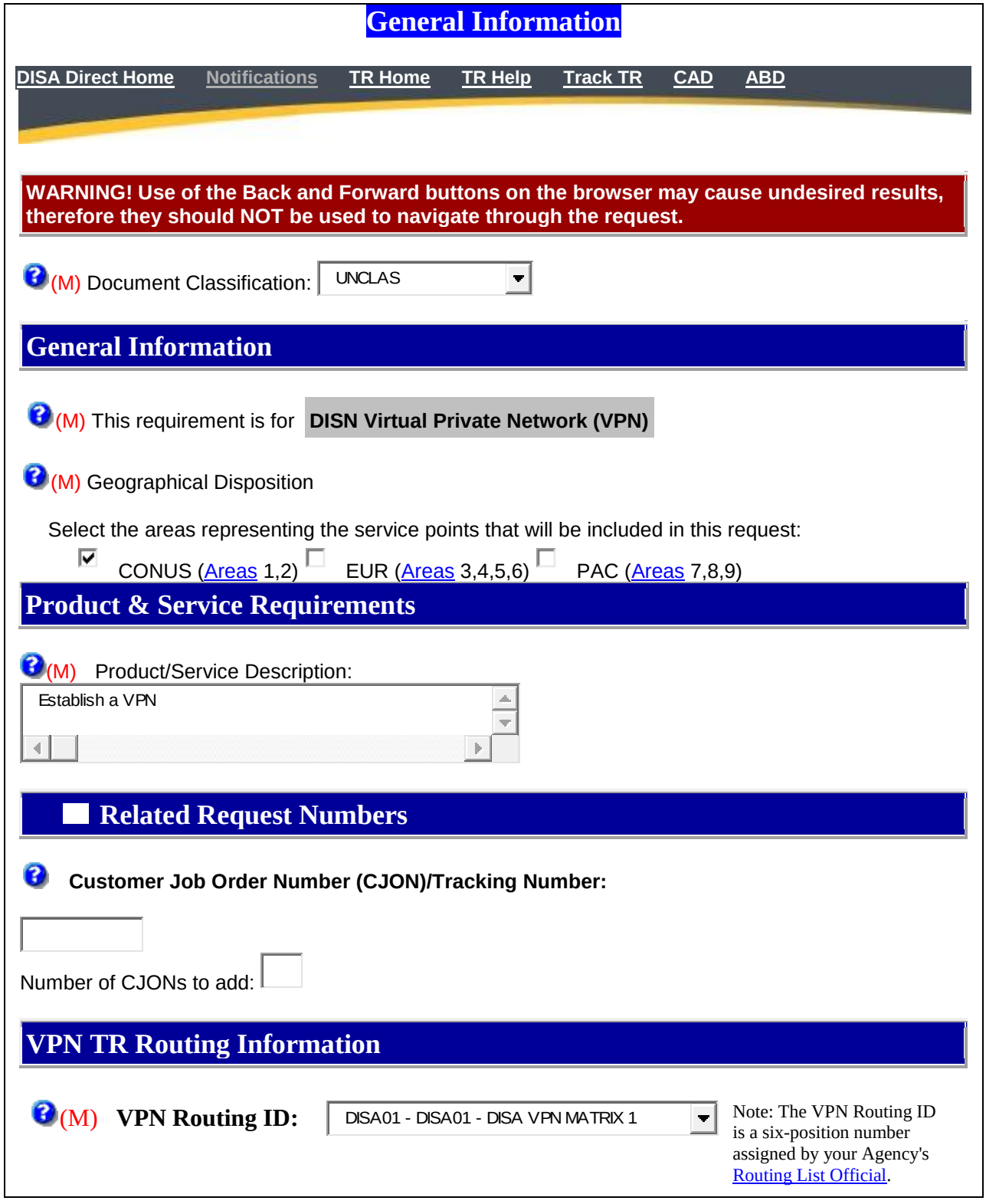


Figure 3: Request Action Page

ACTION: ARO/APO completes the General Information Page as shown below, and clicks "Continue."



VPN Routing ID List - DISA01
DISA01 - DISA VPN MATRIX
1

Members				
Seq	**Type**	**Member**	**Agency**	**Org**
1	Office	DISA VPN Office 1		
	BADGETT	Badgett, Sheila	Defense Information Systems Agency (DISA)	Network Services Directorate - NS
	HENRY	Henry, John	Defense Information Systems Agency (DISA)	Network Services Directorate - NS
	LAKEINM	Lakeinm, Vince	Defense Information Systems Agency (DISA)	DISA CONUS
	LAKE	Lake, Vince	Defense Information Systems Agency (DISA)	Network Services Directorate - NS

Figure 4: General Information Page

General Information Page – VPN Details:

1. **General Information** – this section automatically displays the type service name [e.g., DISN Virtual Private Network (VPN)].

   a. **Geographical Disposition** – mandatory selection to indicate the area. Select one or more of the areas that represent the VPN location.

2. **Product & Service Requirements** – this mandatory text field will automatically populate with the type action selected: Establish a VPN. Additional product/service description information may be added.

3. **Related Request Numbers** – this section is optional on all TRs and allows additional Customer Job Order Numbers (CJONs) to be added to track the requirement.

4. **VPN TR Routing Information** – Establishing a VPN does not require funding using the Program Designator Code (PDC). However, in order to coordinate the service request, a VPN Routing ID is used. The Agency Routing List Official (RLO) is responsible for setting up and maintaining VPN Routing IDs. All VPN routing IDs that the RLO has set up will automatically be presented in the VPN Routing Information section. If no VPN Routing IDs are shown or a new VPN Routing ID is required, the RLO hyperlink should be selected in order to contract your agency's RLO. Note: customers must fund for any access circuit to a non-DSS subscription site if it is required.

   a. **VPN Routing ID** – mandatory selection.

ACTION: ARO/APO completes the Virtual Private Network (VPN) Information Page as shown below, selecting the type of VPN, either L2, L3, or CX, and clicks "Continue."

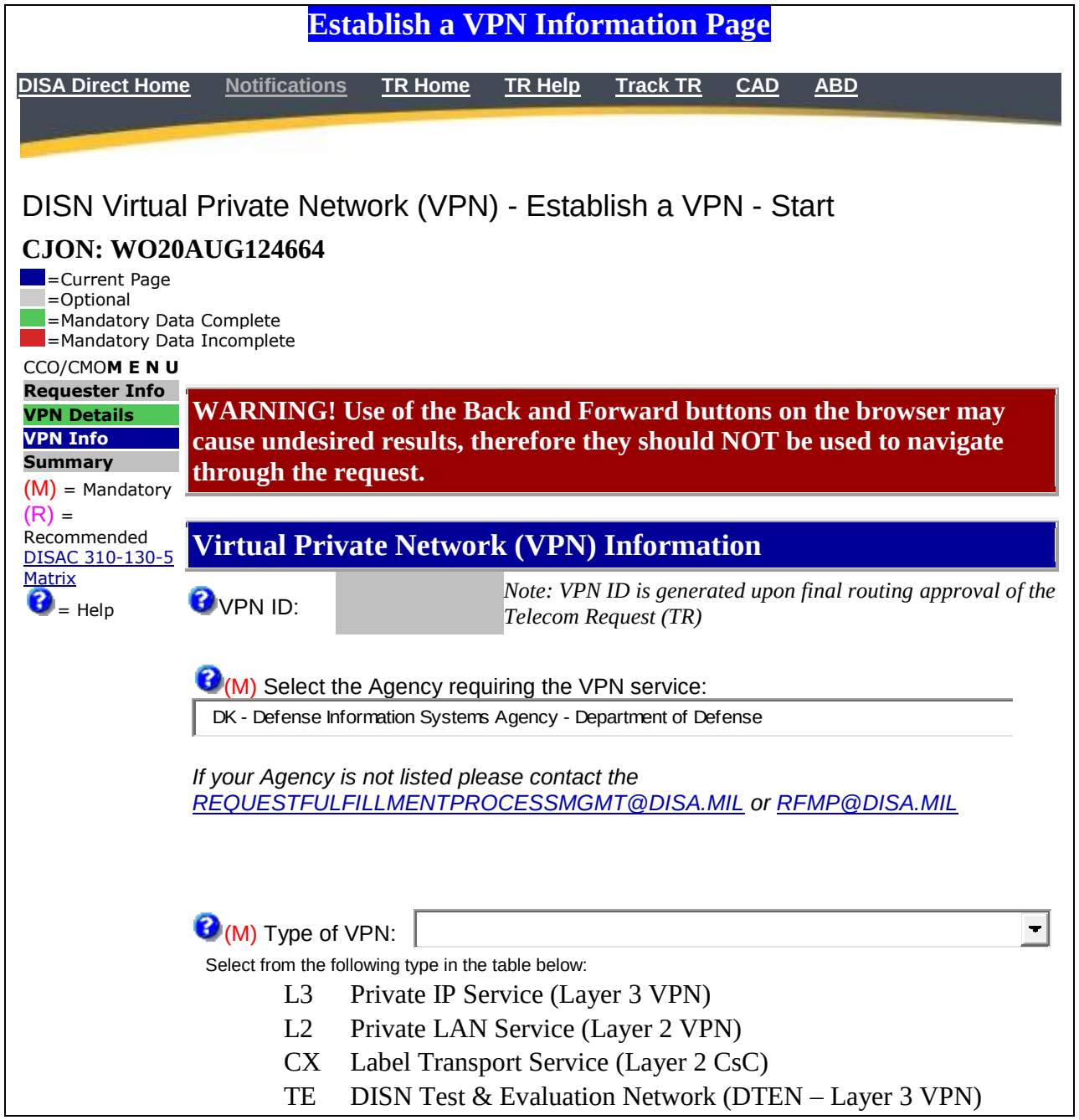


Figure 5: Establish a VPN Information Page

Establish a VPN Information Page:

1. **Virtual Private Network (VPN) Information** – this section provides the VPN ID, the Agency requiring the service, and the type of VPN.

a. **VPN ID** – this is a display field. The VPN ID is generated upon final routing approval of the Telecommunications Request (TR).

b. **Select the Agency requiring the VPN service** –select the agency that requires the VPN service. This is a mandatory selection. The Agency code and description are based upon the DISAC 310-65-1 Chapter 3 "Agency Requiring the Service," Para C3.4 "Listing of Codes." If the agency is not listed, select the content e-mail provided (hyperlinked e-mail address on the page) to send an email to request the agency name to be added.

c. **Type of VPN** – the type of VPN service is available in the drop down menu for either L2, L3, CX, or TE. The examples provided below are the "L3 - Private IP Service (Layer 3 VPN)" type of VPN.

2. **VPN Point of Contact Information**.

a. **Primary POC** – a selection of a Primary POC is mandated in order to identify a POC at the VPN location. The POC selection information is accessed by selecting the 'Retrieve/Enter POC Information' or 'Retrieve/Enter Special POC Information'. The user retrieves the mandatory Primary POC information by searching the Central Address Directory (CAD).

b. **Alternate POC** – an additional POC at the VPN site is highly recommended in case the Primary POC is not available. The POC selection information is accessed by selecting the 'Retrieve/Enter POC Information' or 'Retrieve/Enter Special POC Information.

ACTION: ARO/APO continues to the Summary Page. The Summary Page reflects all of the TR information. The user has the option to "Delete Draft," "Save as Draft," or "Submit Request." The following example is of a submitted request.

Top Half of Summary Page

CJON: WO13APR121834

DISN Virtual Private Network (VPN) - Establish a VPN - Start

Requester Information			
Rank/Title:	Ms		
Last, First MI:	Turner, Betsy L - Contractor		
Agency:	Defense Information Systems Agency (DISA)		
Organization:	Network Services Directorate - NS		
UNCLAS User E-mail:	email address	**UNCLAS Org E-mail:**	
CLASSIFIED User E-mail:		**CLASSIFIED Org E-mail:**	
Cmcl. Phone:	phone number	**DSN Phone:**	

DISN Virtual Private Network (VPN) Details

General Information	
Document Classification:	UNCLAS
Type of Service:	DISN Virtual Private Network (VPN) - L3 - Private IP Service (Layer 3 VPN)
Geographical Disposition:	CONUS
Product & Service Requirements	
Product/Service Description:	Establish a VPN
Related Request Numbers	
CJON(s)/Tracking Number(s):	WO13APR121834
VPN TR Routing Information	
VPN Routing ID:	DISA01 - DISA01 - DISA VPN MATRIX 1

Figure 6: Example of Submitted Request Summary Page – Top Half

Bottom Half of Summary Page

DISN Virtual Private Network (VPN) Information

VPN ID:	
Agency Requiring VPN:	DK - Defense Information Systems Agency - Department of Defense
Type of VPN:	L3 - Private IP Service (Layer 3 VPN)

Primary VPN POC

Name:	**UNCLAS User E-mail:**		**UNCLAS Org E-mail:**
CLASSIFIED User E-mail:		**CLASSIFIED Org E-mail:**	
Cmcl. Phone:	**DSN Phone:**		**Pager:**

Alternate VPN POC

Name:	**UNCLAS User E-mail:**		**UNCLAS Org E-mail:**
CLASSIFIED User E-mail:		**CLASSIFIED Org E-mail:**	
Cmcl. Phone:	**DSN Phone:**		**Pager:**

The following list contains the E-mail addresses of the activities that will receive an electronic copy of this request once the final approval has been completed. You may add addressees to this list. You may also use CAD to retrieve E-mail addresses.

E-mail Addresses

TO:	
DISACONTESTIPCMO@disa.mil	
CC:	
UNCLAS E-mail	UNCLAS E-mail

Approval Routing List

Sequence	Approver / Office	Status	Comments
1	DISA VPN Office	Pending (notified 13 Apr 2012 08:42:15)	

Figure 7: Example of Submitted Request Summary Page – Bottom Half

Summary Page:

1. The user has three options on the Summary Page:

   a. **Delete Draft** – allows the user to delete the requirement from the database.

   b. **Save as Draft** – allows the user to save the information and return to complete later.

   c. **Submit Request** – automatically changes the status of the TR to "Pending" and notifies the first routee in the VPN Routing List.

2. Upon final approval in the routing, an e-mail will be generated and sent to the engineering e-mail addresses based upon the geographical disposition indicated in the TR. In addition, all POCs and any additional e-mail addresses added on the TR will be included on the e-mail.

Example of Displayed Approved Request E-mail to Establish a VPN

DISA Direct Home | Notifications | TR Home | TR Help | Track TR | CAD | ABD

CJON: WO13APR121834

From: cmwebtest@disa.mil

To: DISACONTESTIPCMO@DISA.MIL

Cc: SHEILA.BADGETT@DISA.MIL, BETSY.TURNER.CTR@DISA.MIL

Subject: DISN Virtual Private Network (VPN) -
Layer 3 VPN (Private Internet Protocol (IP) Service) -
CJON: WO13APR121834 VPN ID: DKL300201

The subject DISA Direct Telecom Request (TR) to establish a VPN has been approved.

Connection to this VPN ID is requested by creating and submitting a DISA Direct Telecom Request (TR).

Select "DISN Virtual Private Network (VPN)" as the type service. Select the "Connect to a VPN" request action.

Complete the TR and submit!

If questions, please contact the DISN Global Support Center (DGSC) at

CONUS ONLY (800) 554-3476 Option 2

CMCL (614) 692-4790 Option 2

DSN (510) 376-3472 or (312) 850-4790 Option 2

DGSC@CSD.DISA.MIL

Global DSN: (510) 376-3222

Thank you.

Figure 8: Example of Auto-Generated E-mail of Approved Request to Establish a VPN

Other Informational Notes:

TR Homepage Options

1. **Copy Existing TR** – does not apply to "Establish a VPN"; will only apply to "Connect to an Established VPN."

2. **Import a TSR** – does not apply to any of the VPN services.

3. **Retrieve a Draft TR** – applies to both "Establish a VPN" and "Connect to an Established VPN."

4. **Review Submitted TR** – applies to both "Establish a VPN" and "Connect to an Established VPN."

5. **Recall a TR** – applies to both "Establish a VPN" and "Connect to an Established VPN."

6. **Track TR** – applies to both "Establish a VPN" and "Connect to an Established VPN."

10. Other Action Requests – VPNs

Once the "Establish a VPN" has been submitted, the "Change VPN Point of Contact (POC) Information" option may be used to change the Primary or Alternate POC information. When the request is submitted, it will route based upon the VPN Routing ID identified on the TR. Upon final approval of the TR, an e-mail will be generated and sent to all e-mail addresses indicated on the TR Summary page. The "Discontinue a VPN" option is used to discontinue the use of the overall VPN. Before this action is taken, all of the VPN connections must be discontinued with the actions all completed. The "VPN Connections" section actions are addressed in the ***Connect to an Established VPN*** Customer Ordering Guide.

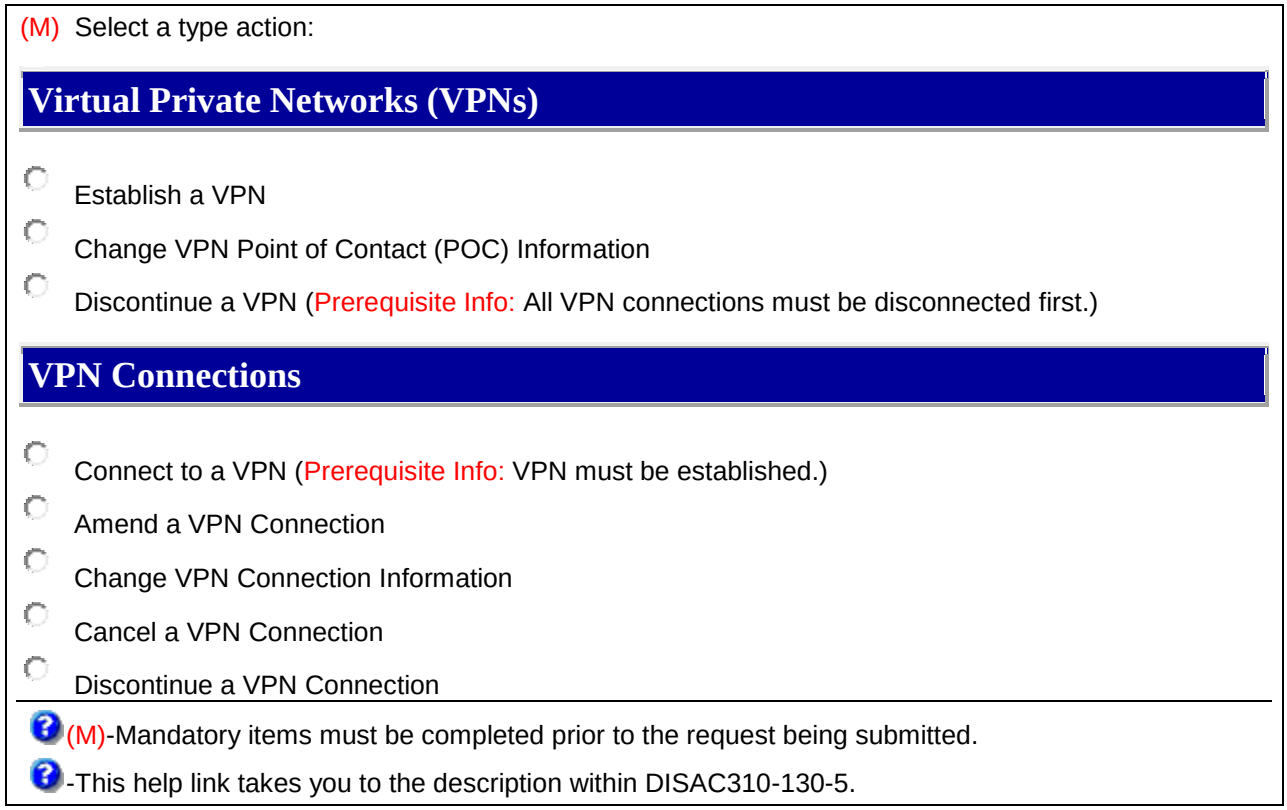


Figure 9: Request Action Page for Other Actions

Appendix A
Acronym List

Acronym	Term
APO	Authorized Provisioning Official
AR	Aggregation Router
ARO	Authorized Requesting Official
ATM	Asynchronous Transfer Mode
CAD	Central Address Directory
CAP	Connection Approval Process
CCSD	Command Communications Service Designator
CENTRIXS	Combined Enterprise Regional Information Exchange System
CJON	Customer Job Order Number
CMNT	Common Mission Network Transport
CNDSP	Computer Network Defense Service Provider
COI	Community of Interest
CsC	Carrier supporting Carrier
DDOE	DISA Direct Order Entry
DECC	Defense Enterprise Computing Center
DGSC	DISN Global Support Center
DISA	Defense Information Systems Agency
DISN	Defense Information System Network
DMZ	De-Militarized Zone
DoD	Department of Defense
DSS	DISN Subscription Service
DTEN	DISN Test & Evaluation Network
DWCF	Defense Working Capital Fund
eBGP	External Border Gateway Protocol

Acronym	Term
FY	Fiscal Year
GIAP	GIG Interconnection Approval Process
GIG	Global Information Grid
GNSC	Global NetOps Support Center
IA	Information Assurance
IAP	Internet Access Point
ID	Identifier
IP	Internet Protocol
IPT-PE	IP Transport Provider Edge
ISP	Internet Service Provider
LAN	Local Area Network
MPLS	Multiprotocol Label Switching
LSTDM	Low-Speed Time Division Multiplexing
NFE	NIPRNet Federated Gateway External
NFG	NIPRNet Federated Gateway
NFI	NFG Internal
NIPRNet	Unclassified but Sensitive IP Router Network
NS	Network Services Directorate
PDC	Program Designator Code
POC	Point of Contact
RLO	Routing List Official
SBU	Sensitive but Unclassified
SGS	SIPRNet GIAP System
SIPRNet	Secret IP Router Network
SLA	Service Level Agreement
SNAP	System/Network Approval Process
TR	Telecommunications Request

Acronym	Term
TSR	Telecommunications Service Request
UPE	Unclassified Provider Edge
VPN	Virtual Private Network

Defense Information Systems Agency
P.O. Box 549
Ft. Meade, MD 20755-0549
www.disa.mil